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Substitute for form 1448B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	
		Filing Date	10-29-2001
		First Named Inventor	Yingjian Wang
		Group Art Unit	
		Examiner Name	
Sheet 2 of 5	Attorney Docket Number		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and the country where published.	T <sup>2</sup>
AL		BIGGIN, M.D. (1999) Ultraviolet-cross-linking assay to measure sequence-specific DNA binding in vivo. <i>Methods Enzymol.</i> 304, 496-515. Described the applications of Cross-linking, including in studying protein-protein interactions, protein-DNA interactions.	
AL		BULYK ML, GENTALEN E, LOCKHART DJ, CHURCH GM (1999) Quantifying DNA-protein interactions by double-stranded DNA arrays. <i>Nature Biotechnology</i> , 17:573-577. Described methods of using arrays of nucleic acids to detect DNA-protein interactions.	
AL		DERISI J, PENLAND L, BROWN PO, BITTNER ML, MELTZER PS, RAY M, CHEN Y, SU YA, TRENT JM (1996) Use of a cDNA microarray to analyse gene expression patterns in human cancer. <i>Nature Genetics</i> 14:457-460. Described methods of using arrays of nucleic acids for large scale hybridization assays, including monitoring of gene expression	
AL		FIELDS AND SONG, A novel genetic system to detect protein-protein interactions...1989, <i>Nature</i> , 340:245-246. Describe a new method of Yeast two-hybrid screening for detecting protein-protein interactions.	

Examiner Signature		Date Considered	12/16/04
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Substitute for form 14499/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;"></td> </tr> <tr> <td>Filing Date</td> <td>10-29-2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Yingjian Wang</td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td></td> </tr> </table>		Application Number		Filing Date	10-29-2001	First Named Inventor	Yingjian Wang	Group Art Unit		Examiner Name		Attorney Docket Number	
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Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		FODOR SP, READ JL, PIRRUNG MC, STRYER L, LU AT, SOLAS D. (1991) Light-directed, spatially addressable parallel chemical synthesis. <i>Science</i> , 251: 767-773. Described an alternate method of creating ordered arrays of nucleic acid sequences. The method involves synthesizing different nucleic acid sequences at different discrete regions of a support, usually made of glass.
		GE, H. (2000) UPA, a universal protein array system for quantitative detection of protein-protein, protein-DNA, protein-RNA and protein-ligand interactions. <i>Nucleic Acids Research</i> , Vol. 28:e3. Describe the protein arrays and some of the applications.
		HACIA--JG (1999) Resequencing and mutational analysis using oligonucleotide microarrays. <i>Nat Genet</i> . 21(1 Suppl):42-7. Described methods of using DNA arrays to get nucleotide sequence information, including mutation detection, polymorphism detection and DNA sequencing
		KONONEN J, BUBENDORF L, KALLIONIEMI A, BARLUND M, SCHRAML P, LEIGHTON S, TORHORST J, MIHATSCH MJ, SAUTER G, KALLIONIEMI OP (1998) Tissue microarrays for high-throughput molecular profiling of tumor specimens. <i>Nature Medicine</i> , 4:844-7. Described methods of using of tissue arrays in tumor screening.

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AL		PHIZICKY AND FIELDS, Protein-protein interactions: methods for detection and analysis. Microbiological Reviews, p94-123, Mar. 1995 Reviewed several methods for detecting protein-protein interactions.
AL		PRUSS, GAVIN, MELNIK AND BAVYKIN. DNA-protein cross-linking applications for chromatin studies in vitro and n vivo. Methods Enzymol.; 304, 516-533, 1999) Described the applications of Cross-linking, including in studying protein-protein interactions, protein-DNA interactions.
AL		SACHS, SCHECHTER, EASTLAKE AND ANFINSEN. Inactivation of staphylococcal nuclease by the binding of antibodies to a distinct antigenic determinant. Biochemistry 1972;11(23): 4268-73. Discussed the interactions between antibodies and antigens.
AL		SCHEMA M, SHALON D, DAVIS RW, BROWN PO (1995) Quantitative monitoring of gene expression patterns with a complementary DNA microarray. Science 270:467-470. Described methods of using arrays of nucleic acids for the monitoring of gene expressions.
AL		SMITH, Filamentous fusion phage: novel expression vectors that display cloned antigens on the virion surface. 1985, Science 228:1315-1317. Described the method of Phage display for screening protein-protein interactions.

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OE		SOUTHERN EM, MASKOS, U, ELDER, JK -- (1992) - Analyzing and comparing nucleic acid sequences by hybridization to arrays of oligonucleotides: evaluation using experimental models. <i>Genomics</i> 13:1008-1017.  Described a related method to create arrays of nucleic acids by parallel synthesis.	
OE		WANG, Y., WU, T.R., CAI, S., WELTE, T., AND CHIN, Y.E. (2000) Stat1 as a component of tumor necrosis factor alpha receptor 1-TRADD signaling complex to inhibit NF-kappaB activation. <i>Mol. Cell Biol.</i> 20(13), 4505-12.  Describe the use of antibody arrays in screening protein-protein interactions.	
OE		WONG, SHAN S. (1993) Chemistry of protein conjugation and cross-linking. Boca Raton: CRC Press.  Describe a variety of cross-linkers and a variety of methods to cross-link proteins.	

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